## FRUITS and VEGETABLES PRICE and YIELD DATA, 2004

New England Agricultural Statistics Service is in the third year of a five-year study of fruit and vegetable prices and yields at the request of USDA's Farm Service Agency (FSA). Funding was provided by the State Departments of Agriculture in Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont. This data series will be valuable for growers to use in making production and marketing decisions; for State FSA offices to administer farm programs based on individual State yield and price data; for Cooperative Extension to provide needed outreach and education programs; and for the State Departments of Agriculture to assist growers.

Over 3,000 tree fruit, berry, and vegetable growers were contacted in October and November of 2004 in the six-State region. Approximately 2,100 producer responses were tabulated for this publication. The survey was designed to provide state and regional prices and yields for selected fruit and vegetable commodities which were not in the National Agricultural Statistics Service (NASS) estimating program. Producers in Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont were asked to provide acreage, production, wholesale, and retail price information for tree fruits, berries and 28 selected vegetable crops.

The success of this project is credited to the cooperation of the thousands of growers across New England who responded to the survey. We sincerely appreciate their time and efforts in supplying crop information. As with all NASS survey work, individual grower information is kept strictly confidential and is exempted from requests under the Freedom of Information Act. The individual reports were only used in combination with other reports to establish state and regional estimates. Estimates in this report that could disclose individual farm data were recorded as a "D."

Fresh Market Vegetables: Cool, wet weather in the spring delayed planting of sweet corn and other vegetable crops, but improved growing conditions throughout June and July helped to bring about good yields for most summer vegetables. Insect pressure was high in some spots, but not unmanageable. The lack of sunshine in August slowed the maturing process for many late vegetables, and wet weather caused concerns of mildew and mold on some crops, and promoted earworm and corn borer problems with sweet corn. Tomatoes were reported smaller and overripe at harvest. Seasonable temperature in September helped to accelerate the fall harvest before the first major frost hit the region in early October.

Survey Specifics: The "All Price Per Pound" column includes fresh market vegetables only, and represents the average price received by growers at the point of first sale, including both retail and wholesale prices. New England agriculture's proximity to large populations have encouraged farmers to market directly to the public through roadside stands and "Pick Your Own" (PYO)

ventures; thus, commanding higher retail prices at many farm locations. Differences in average prices among States for an individual crop are largely attributed to the amount of crop sold retail or wholesale in that State. Most vegetable growers were able to provide price data. The lack of adequate farm records hindered many producers from responding to the production questions. The yield data series was modified from providing a yield that would represent a total state average, to publishing the average yield from reports tabulated.

Tree Fruits: New England utilized apple production in 2004 totaled 4.3 million bushels (42-pound units), 12 percent above 2003 utilized production. A cool, wet spring increased the incidence of apple scab and slowed bee activity in some areas. Poor pollination and winter kill from the lack of snow cover resulted in a poor start for the 2004 crop. In northern regions, a mix of sun and rain throughout the summer promoted a high yielding crop, whereas in southern regions, wet conditions limited full crop potential. Prolonged rains through mid-August delayed the start of early apple harvest. By mid-September, harvest had reached the halfway mark and conditions were rated as good to excellent in most areas.

Fresh Market Berries: Cool, wet weather prevailed throughout April and May, hindering early berry growth. Although a mid-May hail storm and a Memorial Day frost hurt some areas, warmth and sunshine throughout June helped to eventually bring about a strong strawberry crop this spring. Strawberry yields across most of New England were comparable to 2003. Highbush blueberry growers reported significant winter damage, but felt those that survived the winter did quite well. Good fruit set for highbush blueberries was reported early, but limited sunshine delayed ripening, and wet conditions brought about problems in some areas with the mummyberry fungus. Highbush blueberry growers in most areas saw yield levels at or above last year.

Survey Specifics: Price and yield data are published for cultivated blueberries, raspberries, and strawberries sold for fresh market only. Fresh and processed wild blueberry prices were already available for Maine. There was an insufficient number of reports received to publish a fresh wild blueberry price and yield for the other New England States. The "All Price Per Pound" published includes fresh market berries only and represents the average price received by growers at the point of first sale, which includes both retail and wholesale prices. Most berry growers were able to provide price data; however, production figures were unavailable from a large number of contacts made. The yield data series was modified from providing a yield that would represent a total state average, to publishing the average yield from reports tabulated.

FRES	H MAF	KET E	BERRIE	ES: Yie	eld and	Price	, 2002	- 2004				
0	Numb	er of Rep	orts 1/	Yiel	d per Acı	e <sup>2/</sup>	Numb	er of Rep	orts 3/	All Pri	ce per Po	und <sup>4/</sup>
Crops	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004
		Number			Pounds			Number			Dollars	
Blueberries, Cultivated (High Bush)												
Maine	22	13	22	3,100	2,300	2,300	37	33	49	1.25	1.85 <sup>5/</sup>	1.95
Massachusetts	71	44	59	2,600	2,800	2,400	97	115	135	1.75	1.75 <sup>5/</sup>	2.00
New Hampshire	35	26	37	4,000	2,600	3,500	47	51	64	1.60	1.70 <sup>5/</sup>	1.95
Rhode Island	9	10	9	2,800	1,400	2,700	16	18	21	1.40	1.65	1.50
Vermont	28	13	23	3,700	2,400	2,500	35	27	46	1.70	1.90 <sup>5/</sup>	2.10
NEW ENGLAND <sup>6/</sup>	165	106	150	3,100	2,500	2,600	232	244	315	1.60	1.65	1.95
Raspberries, All												
Maine	21	17	21	2,000	1,000	2,000	33	44	69	2.85	3.35	3.45
Massachusetts	39	28	31	1,750	2,700	2,100	67	69	111	3.15	3.75	3.75
New Hampshire	24	11	19	2,500	1,750	2,100	29	37	44	2.85	3.60	3.45
Rhode Island	D	D	D	D	D	D	D	9	15	D	2.75	4.00
Vermont	14	15	14	2,100	1,500	1,700	21	23	39	3.10	3.75	3.65
NEW ENGLAND 6/	D	D	D	2,000	1,900	2,100	D	182	278	3.00	3.60	3.65
Strawberries												
Maine	30	38	31	6,150	6,900	5,000	54	65	64	1.50	1.45	1.65
Massachusetts	46	36	39	5,500	6,400	6,200	71	88	108	1.65	1.75 <sup>5/</sup>	1.80
New Hampshire	24	17	19	6,200	6,600	6,400	38	36	43	1.55	1.80 <sup>5/</sup>	2.00
Rhode Island	D	D	D	D	D	D	D	7	8	D	1.65	1.65

Number of farms reporting production or yield.

NEW ENGLAND 6/

Vermont

24

## PEACHES AND PEARS: Yield and Price, 2002 - 2004

5,900

5,800

5,100

6,150

5,200

5,400

37

D

40

236

53

276

1.70

1.60

1.80

1.65

1.85

1.80

			Peaches 1	<sup>//</sup> (48-lb bu)		Pears <sup>2/</sup> (50-lb bu)							
State	В	Yield per earing Acre	e <sup>3/</sup>	Fi Price	resh Marke e per Bush	et iel <sup>4/</sup>	Ве	Yield per earing Acre	e <sup>3/</sup>	F Prio	Fresh Marke Price per Bush 2002 2003  Dollars 32.50 27.50 30.00 25.00  D D  D D  25.00 D	et nel <sup>4/</sup>	
	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004	
		Bushels			Dollars			Number			Dollars		
Maine	45	D	D	38.40	D	D	65	65	55	32.50	27.50	28.00	
Massachusetts 5/	130	166	105	38.26	38.57	35.63	30	90	70	30.00	25.00	17.50	
New Hampshire	110	130	80	43.20	43.20	D	D	D	D	D	D	D	
Rhode Island	120	155	195	45.60	43.20	42.00	D	110	D	D	D	D	
Vermont	D	D	D	D	D	D	40	60	50	25.00	D	D	
NEW ENGLAND 6/	124	157	102	40.80	39.40	37.00	40	90	68	30.75	26.20	19.30	

22

D

24

D

Total tabulated pounds produced per bearing acre harvested.

Number of farms reporting a berry price.

Average price per pound received at point of first sale; fresh market average of retail and wholesale sales.

New England includes Maine, Massachusetts, New Hampshire, Rhode Island and Vermont.

D -Data withheld to avoid disclosing information for individual farms.

Peach data are based on production from orchards with ten or more peach trees.

Pear data are based on production from orchards with ten or more pear trees. Production from trees grown on wire are excluded.

Yield per bearing acre is based on total production, which includes unharvested production and fruit harvested but not sold due to market restrictions. Yield includes reports from orchards with bearing acreage and no production.

Average fresh market price received by farmers at point of first sale. Insufficient sales to establish a processed price.

Massachusetts Pear Source: Noncitrus Fruits and Nuts - Preliminary, 3:00 p.m., January 25, 2005, National Agricultural Statistics Service, USDA. New England includes Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

FRESH MARKET VEGETABLES: Yield and Price, 2002 - 2004 1/

r		HARKE I								All Price per Po		5/
Crops		ber of Repo		_	eld per Ad	T		ber of Rep	T		1	1
	2002	2003 Number	2004	2002	2003 Pounds	2004	2002	2003 Number	2004	2002	2003 Dollars	2004
Asparagus Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	5 17 D D 14 39	D 12 D D D D	D 22 D D D 29	700 1,400 D D 2,400 1,500	D 1,100 D D D D 1,250	D 1,400 D D D D 1,450	11 40 8 D 21	14 36 6 D 12 D	17 42 D D 14 80	2.45 1.80 2.65 D 2.45 1.95	2.30 2.00 2.20 D 2.75 2.20	2.15 2.30 D D 2.60 2.40
Beans, Snap (Bush and Pole) Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	13 41 8 D 12 D	12 12 5 D 5 D	8 25 9 5 8 55	2,000 2,750 2,250 D 2,650 2,750	3,250 3,400 3,800 D 2,200 3,100	1,900 2,500 4,300 3,300 3,400 2,800	94 101 53 D 56	64 78 36 6 33 217	95 123 55 20 49 342	1.35 1.15 1.60 D 1.50 1.20	1.20 1.10 1.55 1.30 1.25 1.20	1.35 0.85 1.65 0.65 1.45 1.10
Beets Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	D 20 6 D D 38	D D D D D	D 10 D D 5 25	D 11,500 17,300 D D 13,000	D D D D	D 12,000 D D 12,000 11,700	60 52 31 D 39	27 20 8 D 20 D	73 75 33 8 40 229	1.00 0.80 1.20 D 0.65 0.85	1.10 0.70 1.00 D 0.60 0.85	0.90 0.90 1.00 0.75 0.75 0.85
Broccoli Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	7 23 5 D 5 D	D D D D D	D 7 D D 7 D	2,750 2,650 2,500 D 4,550 2,750	D D D D	D 3,000 D D 5,500 D	37 49 27 6 32 151	D 33 18 5 26 D	D 67 36 11 39 D	1.15 1.40 1.50 1.50 1.20 1.20	D 1.25 1.40 1.50 1.20 D	D 1.20 1.50 1.20 1.10 D
Cabbage (AII)  Maine  Massachusetts  New Hampshire  Rhode Island  Vermont  NEW ENGLAND 7/	16 21 5 D 5 D	D 14 D D 4 24	D 10 D D 8 31	16,000 26,000 14,500 D 17,300 26,000	D 22,300 D D 17,700 22,000	D 32,000 D D 22,000 28,000	51 46 23 6 20 146	26 44 11 5 18 104	52 72 30 12 35 201	0.30 0.20 0.55 0.30 0.35 0.25	0.25 0.15 0.45 0.25 0.30 0.20	0.30 0.25 0.35 0.15 0.25 0.25
Cantaloupe and Muskmelons Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	7 17 8 D 5 D	D 8 D D D	D 8 D D D	24,200 3,300 13,100 D 8,500 10,700	D 27,400 D D D D	D 7,600 D D D	27 42 32 D 21	20 27 17 5 12 81	37 40 28 5 22 132	0.65 0.55 0.60 D 0.60 0.60	0.60 0.55 0.65 0.75 0.75 0.60	0.75 0.55 0.65 0.80 0.50 0.60
Carrots Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	13 16 D D 13 48	8 D D D 4 16	10 7 D D 8 29	8,900 3,000 D D 12,800 7,000	9,900 D D D 13,100 11,700	8,900 12,000 D D 14,800 12,800	53 45 24 D 41	43 34 17 D 26 D	67 55 38 D 40 D	0.95 0.65 1.15 D 0.60 0.70	0.95 0.45 1.20 D 0.65 0.70	1.00 0.65 1.05 D 0.70 0.80
Cauliflower Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	D D D D D	D D D D D	D D D D	D D D D D 3,000	D D D D	D D D D	18 15 9 D 9	11 18 8 D 10	31 33 14 6 20 104	1.50 1.10 1.70 D 1.10 1.25	1.40 1.00 1.35 D 1.00 1.20	1.15 1.00 1.50 0.95 1.00 1.10
Cucumbers (Excludes Pickles)  Maine  Massachusetts  New Hampshire  Rhode Island  Vermont  NEW ENGLAND 7/	15 39 7 D 8 D	11 16 D D D 38	12 D 8 D 7 D	7,550 12,500 4,100 D 10,300 10,700	16,200 14,000 D D D 13,600	10,400 D 9,300 D 8,900 D	36 74 23 6 32 171	40 62 31 11 17	127 D 62 25 54 D	0.70 0.70 0.85 0.65 0.50 0.70	0.90 0.70 0.90 0.70 0.70 0.75	0.85 D 0.95 0.70 0.55 D

FRESH MARKET VEGETABLES: Yield and Price, 2002 - 2004 1/

		er of Repo			eld per Ac			ber of Rep		All Price pe		ound <sup>5/</sup>
Crops	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004
Eggplant Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	7 36 6 D D	Number  D 7 D D D 12	D 13 D D D	5,500 16,000 1,800 D D 14,000	Pounds  D 10,200 D D D 10,800	D 13,900 D D D 13,500	27 93 28 12 17	Number 17 60 18 9 11 115	23 91 24 19 23 180	1.20 0.45 1.10 0.50 1.70 0.70	Dollars  1.40 0.60 1.15 0.60 1.80 0.75	1.25 0.65 1.25 0.50 0.90 0.70
Lettuce, Head Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	D D D D D	D D D D	D 9 D D D	D D D D D 6,500	D D D D	D 7,300 D D D D 8,600	D 12 D D 7 30	4 9 D D D	23 44 17 8 24 116	D 1.20 D D 1.00 1.25	1.10 1.35 D D D	1.10 1.10 1.10 1.30 1.00 1.10
Lettuce, Leaf Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	D 15 D D 7 30	D 6 D D D	D 15 D D 8 35	D 13,800 D D 9,800 12,500	D 16,700 D D D D 13,200	D 10,800 D D 9,500 10,700	25 33 11 D 19	14 22 8 D 20 D	38 68 29 D 27 168	2.65 1.20 1.50 D 1.00 1.20	1.95 1.50 6/ 1.30 D 0.85 1.35 6/	1.40 1.30 1.50 D 0.80 1.25
Lettuce, Romaine Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	D D D D D	D D D D	D D D D D	D D D D D 11,500	D D D D	D D D D D 7,400	D 16 D D D	4 7 D D 6 20	22 44 15 6 20 107	D 1.10 D D D 1.20	1.30 1.55 D D 0.50 1.10	1.25 1.40 1.10 1.30 0.65 1.15
Onions, Dry Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	10 11 6 D 5	D D D D D	D 8 D D D 24	7,250 20,500 6,800 D 7,200 15,000	D D D D D 20,000	D 12,000 D D D D 11,600	46 29 16 D 33 D	24 17 7 5 21 74	40 45 20 8 32 145	0.85 0.30 0.80 D 0.75 0.50	0.85 0.35 1.10 1.30 0.90 0.60	1.00 0.35 1.05 1.05 0.85 0.60
Onions, Green Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	D 8 D D D	D D D D	D D D D	D 4,000 D D D 4,500	D D D D	D D D D	14 19 13 D 14	10 9 8 D 4 D	21 32 15 D 21	1.55 1.40 1.05 D 0.85 1.20	1.45 1.30 1.00 D 0.85 1.20	1.65 1.30 1.30 D 1.50 1.45
Peas, Green (Fresh Only)  Maine  Massachusetts  New Hampshire  Rhode Island  Vermont  NEW ENGLAND 71	10 18 8 D 8 D	5 D 5 D D	15 13 8 D D	1,900 6,000 2,350 D 3,900 3,400	1,650 D 2,000 D D 2,200	2,300 3,500 5,000 D D 3,000	72 55 37 7 42 213	63 35 22 D 26 D	89 64 40 6 44 243	1.55 1.70 2.00 2.10 2.40 1.80	1.75 1.95 2.05 D 2.50 1.95	1.80 2.15 2.45 2.35 2.15 2.00
Peppers, Bell Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	11 50 10 D 9	D 22 D D D	D 31 D D 7 55	5,200 17,700 12,500 D 16,000 16,000	D 18,600 D D D 17,000	D 17,800 D D 14,200 15,700	52 124 39 D 35	32 92 27 D 22 D	65 156 50 D 40	0.95 0.60 0.90 D 0.85 0.60	1.15 0.60 1.20 D 1.15 0.75	1.10 0.55 1.25 D 0.65 0.65
Peppers, Other (Excludes Bell) Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	D 21 7 D D 33	D 6 D D D	D 13 D D D	D 21,000 10,000 D D 20,500	D 13,800 D D D	D 20,300 D D D D	13 52 17 D 14	12 33 D D D	26 74 21 11 19 151	1.40 0.40 1.30 D 2.50 0.55	1.00 0.45 D D D 0.65	1.45 0.30 1.45 0.40 1.55 0.55

FRESH MARKET VEGETARIES: Viold and Price 2002

	FRESH N						Price,	2002 -	2004 "			
Crons	Numb	per of Rep	orts <sup>2/</sup>	Yie	eld per Ac	re <sup>3/</sup>	Numl	ber of Rep	orts <sup>4/</sup>	All Pri	ce per Po	ound <sup>5/</sup>
Crops	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004
Pumpkins	l	Number		•	Pounds			Number		Do	ollars/Pou	nd
Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	30 114 38 D 19	25 59 27 9 18 138	38 86 29 12 28 193	18,750 8,400 13,850 D 12,000 10,700	14,700 9,100 12,200 8,300 9,700 10,300	13,500 12,900 13,000 9,500 12,200 12,700	85 211 77 17 61 451	83 172 70 24 61 410	164 252 95 33 88 632	0.30 0.30 0.30 0.40 0.20 0.30	0.25 0.30 0.30 0.30 0.20 0.30	0.35 0.30 0.35 0.35 0.20 0.30
Rutabaga Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	D D D D D	D D D D D	D D D D	D D D D D 14,200	D D D D	D D D D	15 10 D D D 33	D 8 D D D 23	D D D D D	0.25 0.30 D D D 0.35	D 0.30 D D D 0.35	D D D D D
Spinach Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	D 5 D D 5 14	D D D D D	D D D D D	D 2,400 D D 2,450 2,000	D D D D D	D D D D 3,100	26 23 11 D 27	15 19 7 D 21 D	34 33 18 D 32 D	2.05 1.45 2.00 D 2.05 1.80	1.75 0.80 1.20 D 2.30 1.65	2.15 1.30 1.50 D 2.10 1.80
Squash, Summer Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	20 48 13 D 11	D 19 D D D	D 22 9 D 8 51	6,000 13,900 13,000 D 16,300 13,600	D 16,500 D D D 12,800	D 12,000 11,800 D 8,100 11,600	78 139 68 16 54 355	51 111 43 15 35 255	100 171 64 25 51 411	0.50 0.40 0.80 0.40 0.60 0.50	0.70 0.55 0.95 0.50 0.70 0.60	0.85 0.60 0.90 0.45 0.65 0.60
Squash, Winter Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	31 86 24 D 20 D	17 42 12 D 12 88	29 67 17 6 17 136	5,800 10,900 6,400 D 9,750 10,500	6,800 12,700 11,900 D 12,400 11,900	5,400 14,500 7,600 14,000 8,800 12,100	98 172 69 14 67 420	84 150 51 15 61 361	147 215 72 27 74 535	0.40 0.25 0.50 0.20 0.35 0.30	0.40 0.30 0.50 0.25 0.35 0.35	0.50 0.25 0.45 0.20 0.35 0.30
Tomatoes Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	15 78 23 7 13	12 38 10 10 D D	D 43 12 9 9	8,200 11,400 11,600 10,600 6,700 10,400	8,300 10,400 16,600 7,100 D 10,200	D 12,600 11,000 14,700 16,500 13,100	88 172 71 26 60 417	85 161 70 25 51 392	130 230 84 41 60 545	1.45 1.45 1.50 1.15 1.50 1.45	1.55 1.50 1.60 1.05 1.75 1.50	1.60 1.45 1.60 1.05 1.55 1.50
Watermelon Maine Massachusetts New Hampshire Rhode Island Vermont NEW ENGLAND 7/	D 16 6 D D 31	D D D D D	D 8 D D D	D 7,600 7,300 D D 7,350	D D D D D	D 13,900 D D D D	20 31 18 5 19 93	16 22 8 D 6	22 39 17 6 13 97	0.50 0.40 0.50 0.40 0.55 0.45	0.50 0.30 0.55 D 0.40 0.40	0.55 0.35 0.60 0.60 0.40 0.45

<sup>11</sup> Fresh market vegetable yield data are based on production from farms with 3/10 or more acres harvested of specified crop. Price data are based on reports from farmers with 1/10 or more acres harvested of specified crop.
2/ Number of farms reporting production or yield.
3/ Total tabulated pounds produced per acre harvested.
4/ Number of farms reporting the specified vegetable price.
5/ Average price per pound received at point of first sale. Fresh market average of retail and wholesale sales.
6/ Revised.
7/ New England includes Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont
D - Data withheld to avoid disclosing information for individual farms.